

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A fuel cell manufacturing method for obtaining a fuel cell by manufacturing unit fuel cells, by providing positive and negative electrodes on the-sides of an electrolyte membrane and providing separators on the-outer faces of these said positive and negative electrodes, and stacking together a multiple of these such unit fuel cells, said method comprising the steps of:

loading the-multiple unit fuel cells onto a leaning inclined stage in a stacked state;

supporting the-left and right sides of the stacked multiple unit fuel cells; aligning the multiple unit fuel cells with a vibrating action while lowering the inclined stage to the a horizontal position;

disposing first and second support plates on the-end faces of the aligned multiple unit fuel cells;

applying a predetermined pressing force to the multiple unit fuel cells by way of via the first and second support plates; and

connecting together the first and second support plates together with connection members while applying the predetermined pressing force is being applied to the multiple unit fuel cells.

2. (Currently Amended) The fuel cell manufacturing method of claim 1,
~~characterized in that in wherien, during~~ the pressing force applying step, ~~as a~~ ~~the~~
pressing force applied to the multiple unit fuel cells is raised ~~in stages~~ to the
predetermined pressing force in stages, and wherein a rate of increase in pressing
force decreases it is raised more gradually, taking more time, as it as the pressing
force approaches the predetermined pressing force.

3. (Currently Amended) An apparatus for manufacturing a fuel cell
comprised of unit fuel cells, made by providing positive and negative electrodes on
opposite sides of an electrolyte membrane and providing separators on ~~the outer~~
faces of ~~these~~ the positive and negative electrodes, first and second support plates
provided on ~~the~~ end faces of a stack of unit fuel cells made by stacking together
multiple of ~~the~~ unit fuel cells, and connection members connecting together the first
and second support plates, comprising:

a pusher beam part swingably mounted on a bed structure, for supporting the
first support plate and the multiple unit fuel cells in a stacked state;

a pusher beam pivoting part for swinging the pusher beam part between an
upward-pointing position in which the stacking of the first support plate and the
multiple unit fuel cells is carried out and a horizontal position in which the connecting
of the second support plate to the first support plate is carried out;

guide means provided along ~~the~~ a length direction of the pusher beam part
for slidably supporting three sides of the multiple unit fuel cells;

vibrating means for applying a vibration to the guide means to align the

multiple unit fuel cells supported on the guide means;

pusher moving means for moving the first support plate and the multiple unit fuel cells along the guide means;

a receiver part, swingably provided facing the pusher beam part, for supporting the second support plate;

a receiver pivoting part for swinging the receiver part between an upward-pointing position in which ~~it supports the receiver part supports~~ the second support plate and a horizontal position in which ~~the~~ connecting of the second support plate to the first support plate is carried out; and

pressing force measuring means for, when the receiver part and the pusher beam part are respectively disposed in their horizontal positions and one end face of the multiple unit fuel cells is pressed against the second support plate with the pusher moving means, measuring the pressing force acting on the second support plate.